

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled NOVEL PURINE INHIBITORS OF FRUCTOSE 1,6-BISPHOSPHATASE which

_____ is attached hereto.

XX was filed on March 6, 1998 as Application Serial No. 09/036,327 and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

60/040,623	March 7, 1997	Abandoned
(Application Number)	(Filing Date)	(Status -- patented, pending, abandoned)
(Application Number)	(Filing Date)	(Status -- patented, pending, abandoned)
(Application Number)	(Filing Date)	(Status -- patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Jessica R. Wolff, Registration No. 37,261

[X] Kindly recognize as associate attorney:

Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr. Reg. No. 20,467; James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848; Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798; Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; Richard E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg. No. 26,773; William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J. Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,035; Robert W. Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,240; David B. Murphy, Reg. No. 31,125; James C. Brooks, Reg. No. 29,898; Jeffrey M. Olson, Reg. No. 30,790; Steven D. Hemminger, Reg. No. 30,755; Jerrold B. Reilly, Reg. No. 32,293; Paul H. Meier, Reg. No. 32,274; John A. Rafter, Jr., Reg. No. 31,653; Kenneth H. Ohriner, Reg. No. 31,646; Mary S. Consalvi, Reg. No. 32,212; Lois M. Kwasigroch, Reg. No. 35,579; Lawrence R. LaPorte, Reg. No. 38,948; Robert C. Laurenson, Reg. No. 34,206; Carol A. Schneider, Reg. No. 34,923;

Hope E. Melville, Reg. No. 34,874; Michael J. Wise, Reg. No. 34,047; Richard J. Warburg, Reg. No. 32,327; Kurt T. Mulville, Reg. No. 37,194; Theodore S. Maceiko, Reg. No. 35,593; Bruce G. Chapman, Reg. No. 33,846; F.T. Alexandra Mahaney, Reg. No. 37,668; Bradford J. Duft, Reg. No. 32,219; Suzanne L. Biggs, Reg. No. 30,158; Daniel N. Yannuzzi, Reg. No. 36,727; Sheldon O. Heber, Reg. No. 38,179; Jeffrey W. Guise, Reg. No. 34,613; Charles S. Berkman, Reg. No. 38,077; Anthony C. Chen, Reg. No. 38,673; Edward M. Jordan, Reg. No. 40,666; John C. Kappos, Reg. No. 37,861; Timothy J. Lithgow, Reg. No. 36,856; Stephen S. Korniczky, Reg. No. 34,853; Jonathan T. Losk, Reg. No. 39,755; Jeffrey A. Miller, Reg. No. 35,874; Clarke W. Neumann, Reg. No. 39,789; Vicki Norton, Reg. No. 40,745; Kenneth S. Roberts, Reg. No. 38,283; Thomas R. Rouse, Reg. No. 40,793; James K. Sakaguchi, Reg. No. 41,285; Gary H. Silverstein, Reg. No. 39,372; Sheryl R. Silverstein, Reg. No. 40,812; Brent D. Sokol, Reg. No. 38,621; Christopher A. Vanderlaan, Reg. No. 37,747; David E. Wang, Reg. No. 38,358; Lisa Ward Karmelich, Reg. No. 41,421; Wesley Ames, Reg. No. 40,893; Charles Balgenorth, Reg. No. 37,586; Thomas J. Brindisi, Reg. No. 40,348; James P. Brogan, Reg. No. 35,833; David T. Burse, Reg. No. 37,104; Farshad Farjami, Reg. No. 41,014; Charles C. Fowler, Reg. No. 39,675; and Corrine M. Freeman, Reg. No. 37,625; and Steve C. Beuerle, Reg. No. 38,380.

Address all telephone calls to Jessica R. Wolff at telephone no. (619) 552-8400

Address all correspondence to Jessica R. Wolff, Lyon & Lyon LLP, 633 West Fifth Street, Los Angeles, CA 90071

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.

Full name of first inventor: Oun Dang

Inventor's signature [Signature] Date 5/5/98

Residence 7825 Roan Road, San Diego, California 92129

Citizenship People's Republic of China

Post Office Address Same as above

Full name of second inventor Mark D. Erion

Inventor's signature [Signature] Date 5/5/98

Residence 13455 Mango Drive, Del Mar, California 92104 92014

Citizenship United States

Post Office Address Same

Full name of third inventor: M. Rami Reddy
Inventor's signature M. Rami Reddy Date 5/5/98
Residence 8013 Los Sabalos Street, San Diego, California 92126
Citizenship United States
Post Office Address Same as above

Full name of fourth inventor Edward D. Robinson
Inventor's signature Edward Robinson Date 5/28/98
Residence 3567 Tony Drive, San Diego, California 92122
Citizenship United States
Post Office Address Same as above

Full name of fifth inventor Srinivas Rao Kasibhatla
Inventor's signature Srinivas Rao Kasibhatla Date 5/5/98
Residence 10788 Glendover Lane, San Diego, California 92126
Citizenship India
Post Office Address Same as above

Full name of sixth inventor K. Raja Reddy
Inventor's signature K. Raja Reddy Date 5/5/98
Residence 4146 Federman Lane, San Diego, California 92130
Citizenship India
Post Office Address Same as above

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
Washington, D.C. 20231

REVOCATION AND GRANT OF POWER OF ATTORNEY

Dear Sir:

As representative of the assignee of record of an entire interest in the identified applications attached hereto as Appendix A, all Powers of Attorney heretofore granted therein are revoked, and the undersigned hereby appoints as attorney for assignee therein, with full power of substitution and revocation, to prosecute the listed applications and to transact all business in the Patent and Trademark Office connected therewith, John M. Benassi, Reg. No. 27,483; Bradford J. Duft, Reg. No. 32,219; Jeffrey W. Guise, Reg. No. 34,613; Stephen S. Korniczky, Reg. No. 34,853; Edward Kreusser, Reg. No. 38,523; Alex Mahaney, Reg. No. 37,668; Lisa McGeehan, Reg. No. 41,185; Peter R. Munson, Reg. No. 43,821; Douglas C. Murdock, Reg. No. 37,549; Vicki Norton, Reg. No. 40,745; Douglas E. Olson, Reg. No. 22,798; Richard H. Pagliery, Reg. No. 44,276; Andrew D. Skale, Reg. No. 44,338; Franklin D. Ubell, Reg. No. 27,009; Anatoly Weiser, Reg. No. 43,229; Jonathan L. Petit, Reg. No. 40,770; Peter D. Weinstein, Reg. No. 43,251; Richard Blaylock, Reg. No. 43,503; Alma Levy, Reg. No. 43,571; John Peterson, Reg. No. 45,894 and Jessica R. Wolff, Reg. No. 37,261 of BROBECK, PHLEGER & HARRISON LLP, 12390 El Camino Real, San Diego, California, 92130, telephone (858) 720-2500.

Please direct all future correspondence to Jessica R. Wolff, Esq., BROBECK, PHLEGER & HARRISON LLP, 12390 El Camino Real, San Diego, California, 92130.

METABASIS THERAPEUTICS, INC.

Dated: 6/5/01

By: *Jm J. L.*

as Representative for Metabasis
Therapeutics, Inc.

METABASIS THERAPEUTICS, INC.
9390 Towne Centre Drive
San Diego, California 92121

Appendix A

SERIAL NO. (PATENT NO.)	FILE DATE	NEW DOCKET NO.	OLD DOCKET NO.
09/801,933	March 7, 2001	030727.0042.CIP1	
09/036,327	March 6, 1998	030727.0014.CPA	
09/479,384	January 5, 2000	030727.0011.DIV1	
09/392,352	September 8, 1999	030727.0027.CIP2	245/080
09/263,976	March 5, 1999	030727.0027.CIP1	
09/263,607	March 5, 1999	030727.0027.UTL2	
09/389,698	September 3, 1999	030727.0010.CIP1	245/049
09/295,636	April 20, 1999	030727.0009.UTL1	242/037
09/614,891	July 12, 2000	030727.0022.CIP1	239/042
08/169,536 (5,395,970)	December 15, 1993	030727.0041.CON3	205/045
08/355,836 (5,658,889)	December 14, 1994	030727.0025.CON1	
07/301,453 (5,200,525)	January 24, 1989	030727.0040.UTL	
07/582,630 (5,187,162)	September 12, 1990	030727.0031.CIP1	
07/712,158 (5,236,908)	June 7, 1991	030727.0018.UTL	193/054
08/191,282 (5,506,347)	February 3, 1994	030727.0021.CIP1	
08/192,154 (5,731,432)	February 3, 1994	030727.0012.CIP1	
08/443,245 (5,817,640)	May 16, 1995	030727.0007.CON1	
09/036,329 (6,110,903)	March 6, 1998	030727.0032.CIP1	
09/036,328 (6,054,587)	March 6, 1998	030727.0011.CIP1	
06/079,657 (4,912,092)	July 29, 1987	030727.0023.CIP1	